

# **STOTLER VARIABLE DISPLACEMENT RADIAL ROTARY PISTON ENGINE**

Inventor: **Scott G. Stotler**, Walnut Creek, CA (USA)

## **Reference Cited**

### **U.S. PATENT APPLICATION**

10/245,968	9/2002	Stotler
------------	--------	---------

## **ABSTRACT**

An internal four-cycle combustion engine with a hub that acts as a rotary valve that rotates in relation to at least one piston is provided. The rotary valve hub includes passageways to provide for fuel/air intake, exhaust, and coolant as well as an ignition devise and services all cylinders around it. Each piston compresses inward toward the hub and is actuated by a cam affixed to the hub. The cam may be articulated to provide the engine with variable displacement and variable compression ratio.